

CS-I8MS SD-2.7-13.5mm

8MP Motorized NightBright Dome Camera

Sharp Series



KEY FEATURES

- Metal housing
- Up to 8MP, 3840×2160@20fps
- S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
- Color: 0.002Lux@(F1.6, AGC ON), B/W: 0Lux with IR
- IR range up to 50m
- 1× Built-in Mic
- Support microSD/microSDHC/microSDXC card, up to 512GB
- Support human/vehicle classification
- Operating conditions -35°C~65°C (-31°F~149°F), ≤95%RH
- DC12V±25%, Max. 8W, PoE: IEEE 802.3af, Max. 9W
- IP67, IK10



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SPECIFICATIONS

Camera	
Image Sensor	1/2.8"CMOS
Min. Illumination	Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR
Shutter Time	1s~1/100000s
Day&Night	IR-cut filter with auto switch (ICR)
Smart IR	Yes
WDR	120dB
S/N	>42dB
Angle Adjustment	0~345°(P); 0~90°(T); 0~350°(R)
Lens	
Lens Type	Motorized
Focal Length	2.7~13.5mm
Lens Mount	Φ14
Aperture Range	F1.6
Aperture Type	Fixed
Field of View	106.7°~31.5°(H); 57.3°~17.8°(V); 130.9°~34.8°(D)
DORI Distance	Detect:77m~331m Observe:30.55m~131m Recognize:15.5m~66m Identify:7.5m~33m
Illuminator	
IR LEDs	18
IR Distance	Up to 50m
Wavelength	850nm
White LEDs	18
Whitelight Distance	15m
Compression Standard	
Video Compression	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
Video Bit Rate	32k~16Mbps
Audio Compression	G.711A/G.711U/ADPCM_D/AAC_LC
Audio Sampling Rate	8kHz/32kHz/48kHz
Image	
Max. Resolution	8MP,3840×2160@20fps
Main Stream	PAL:20fps(3840×2160, 3072×2048), 25fps(2560×1440, 2304×1296, 1920×1080, 1280×720) NTSC:20fps(3840×2160, 3072×2048), 30fps(2560×1440, 2304×1296, 1920×1080, 1280×720)
Sub Stream	PAL:25fps(704×576, 704×288, 640×360, 352×288) NTSC:30fps(704×480, 704×240, 640×360, 352×240)
Third Stream	PAL:25fps(704×576, 704×288, 352×288, 640×480) NTSC:30fps(704×480, 704×240, 352×240, 640×480)
BLC	Yes
HLC	Yes

3D DNR	Yes
White Balance	Auto/Semi-Auto/Manual/Sunshine/Nature Light/Warmlight Lamp/Daylight Lamp/Filament Lamp/Lock White Balance
ROI	8 rectangular static areas
Corridor Mode	Yes
OSD	Overlay of additional characters in 5 regions, 1 line, with a maximum of 127 characters per region; 16*16/32*32/48*48/64*64/96*96; Vector/Lattice
Picture Overlay	1*200x200 size BMP 24 color bit image overlay
Privacy Mask	4 black static areas
Defog	Yes
Feature	
General Alarm	Motion Detection; Mask Alarm; Alarm Input
Exceptions Alarm	Voltage Alarm; Disk Full; Disk R/W Error; IP Address Conflict; MAC Address Conflict; FTP Server Exception ; Network Disconnection
Linkage Method	Send Email; Trigger Sound; Trigger Recording; Trigger Capture; Notify Surveillance Center; Alarm Output
Video Analytics	Human/Vehicle Classification; Tripwire; Perimeter
Rules of Behavior Analyse In 1 Scene	8
Network	
ANR	Yes
Protocols	RTSP; RTMP; HTTP; HTTPS; TCP; UDP; UPnP; ICMP; IGMP; SNMP v1\2\3; DHCP; DNS; DDNS; Easy DDNS; NTP; SMTP; TLS v1.2; SSL; 802.1X; QoS; IPv4; IPv6; PPPoE; SSH; Unicast; Multicast; RTCP; ARP; SRTP; FTP; SFTP
System Compatibility	P2P(Mutually exclusive with Profile G); ONVIF(Profile S/T/G/M) ; SDK; CGI; Milestone
Remote Connection	≤2
Client	CASE Station
Moblie Client	CASE Connect
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Interface	
Communication Interface	1×RJ-45 (10/100 Base-T)
Audio I/O	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type:non-equilibrium; 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium
Alarm I/O	1×input,TTL,3mA,3.3VDC; 1×output,TTL,30mA,12VDC
Built-in Mic	1×Built-in Mic
Reset Button	Yes(Built-in)
On-board Storage	Support microSD/microSDHC/microSDXC card,up to 512GB
RTC	Yes
General	
Web Client Language	18 languages English/Spanish/Korean/Italian/Turkish/Russian/Thai/French/Polish/Dutch/Hebrew/Arabic/ Vietnamese/German/Ukrainian/Portuguese/Albanian/Greek



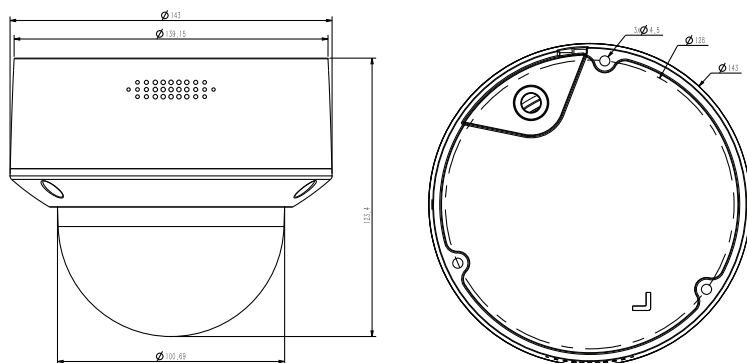
Operating Temperature	-35°C~65°C(-31°F~149°F)
Operating Humidity	≤95%RH
Storage Temperature	-35°C~65°C(-31°F~149°F)
Storage Humidity	10%~95%RH(non-condensing)
Power Supply	DC12V±25%,Max. 8W; PoE:IEEE 802.3af,Max. 9W
Protection	Surge4000V; ESD6000V; IP67; IK10
Boundary Dimensions	143(L)143(W)123(H)mm
Package Dimensions	250(L)180(W)175(H)mm
GrossWeight	1.138kg

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

AVAILABLE MODEL

CS-I8MS SD-2.7-13.5mm

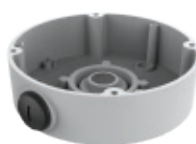
DIMENSIONS (Unit: mm)



ACCESSORIES



CS-A28
Wall Mount



CS-P54BM V3
Junction Box